BRUHAT BANGLORE MAHANAGARA PALIKE

T.Dasarahalli Sub Division

DASARAHALLI-ZONE

Name of Work: Improvements & Construction of CC road & drain at Bhuvaneshwari nagara, Ganesha temple 3rd Cross road in Dasarahalli Ward No 15

Estimate Cost :- 19.50 Lakhs

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DASARAHALLI ZONE

Name of Work :-Improvements & Construction of CC road & drain at Bhuvaneshwari nagara, Ganesha temple 3rd Cross road in Dasarahalli Ward No 15

			Est. Cost Rs				19.50	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.138/I.19.2 PW, P & IWTD - SR 2014-15)	Cum							
	UGD Trench Cutting								
	Ganesha, Anjaneya Temple 3rd main		1	160.00	1.00	0.60	96.00		
	Drain Excavation								
	3rd Main L/s		1	160.00	0.60	0.50	48.00		
	Damaged Portion		1	45.00	4.00	0.45	81.00		
	Cross road (CC road)		1	46.50	3.50	0.45	73.24		
	Basic Rate	98.00					**298.24**	105.84	**31565.00**
	Add Area Weightage 8%	7.84							
	Total	**105.84**							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 Page No. 154/ Item No. 20.18/ PWD SR 2014-15	**Cum**							
	UGD Trench Cutting								
	Ganesha, Anjaneya Temple 3rd main		1	160.00	1.00	0.30	48.00		
	Drain Excavation								
	Damaged Portion		1	45.00	4.00	0.30	54.00		
	Cross road (CC road)		1	46.50	3.50	0.30	48.83		
	Basic Rate	1332.00					**150.83**	**1438.56**	**216971.00**
	Area Weightage 8%	106.56							
	Total	**1438.56**							
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with **40mm and** down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2014-15)	Cum							
	UGD Trench Cutting								
	Ganesha, Anjaneya Temple 3rd main		1	160.00	1.00	0.10	16.00		
	Drain Excavation								
	3rd Main L/s		1	160.00	0.90	0.15	21.60		

	Damaged Portion			1	45.00	4.00	0.15	27.00		
	Cross road (CC road)			1	46.50	3.50	0.15	24.41		
		Basic Rate	4488.00					**89.01**	4757.28	**423457.00**
		Add Area Weightage 6%	269.28							
		Total	**4757.28**							
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix **M1:2:4 with c**ement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.6) PW, P & IWTD - SR 2014-15)	Cum								
	UGD Trench Cutting									
	Ganesha, Anjaneya Temple 3rd main			1	160.00	0.60	0.10	9.60		
	Drain Excavation									
	3rd Main L/s			1	160.00	0.60	0.15	14.40		
	Damaged Portion			1	45.00	4.00	0.15	27.00		
	Cross road (CC road)			1	46.50	3.50	0.15	24.41		
	Side Wall			2	160.00	0.15	0.60	28.80		
		Basic Rate	4933.00					**104.21**	5228.98	**544925.00**
		Add Area Weightage 6%	295.98							
		Total	**5228.98**							
5	KSRB 4-6.5: Providing and removing **centering,** shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15/ Item No. 4.32/ PWD SR 2014-15**	**Sqm**								
	3rd Main L/s			2x2	160.00	_	0.75	**480.00**	358.28	**171974.00**
		Basic Rate	338.00							
		Add Area Weightage 6%	20.28							
		Total	**358.28**							
6	KSRB 4.9.2: providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 17/ Item No. 4.46/ PWD SR 2014-15**	**Tonnes**								
	Drain Excavation									
	3rd Main L/s			1	160.00	0.60	0.15	14.40		
	Damaged Portion			1	45.00	4.00	0.15	27.00		
	Cross road (CC road)			1	46.50	3.50	0.15	24.41		
	Side Wall			2	160.00	0.15	0.60	28.80		
								94.61		
	45 Kgs per Cum 45x93.83=4222.35KG or 4.22 tonnes							4.22	76900.88	**324702.00**
		Basic Rate	72548.00							
		Add Area Weightage 6%	4352.88							
		Total	**76900.88**							

ಸಂ. ಚಿಮ/DD/TS/80/14-15 ದಿನಾಂಕ : 29/10/2014

ರವರಿಗೆ ಕೆರೆಯ ಕಾಮಗಾರಿಯ ಮುಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

7	Supplying and fixing **precast rainforced** concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	3rd Main L/s		1	160.00	0.75		120.00		
	Data Rates Approved by CE DZ enclosed						**120.00**	1600.00	**192000.00**
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.00 (P.136 Table) SR 2014-15	Cum							
				Qty Vide Item No. 1			**298.24**	78.24	**23334.00**
	Loading and Unloading Charges	62.20							
	Lead 4 KMs 2x1.28x4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	**78.24**							
9	Quality Control Test Charges= 1%								**19500.00**
10	Miscellaneous and UnforessenCharges								**1572.00**
								Total	**1950000.00**

(Rupees. Ninteen Lakhs Fifty Thousand Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2014-15
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

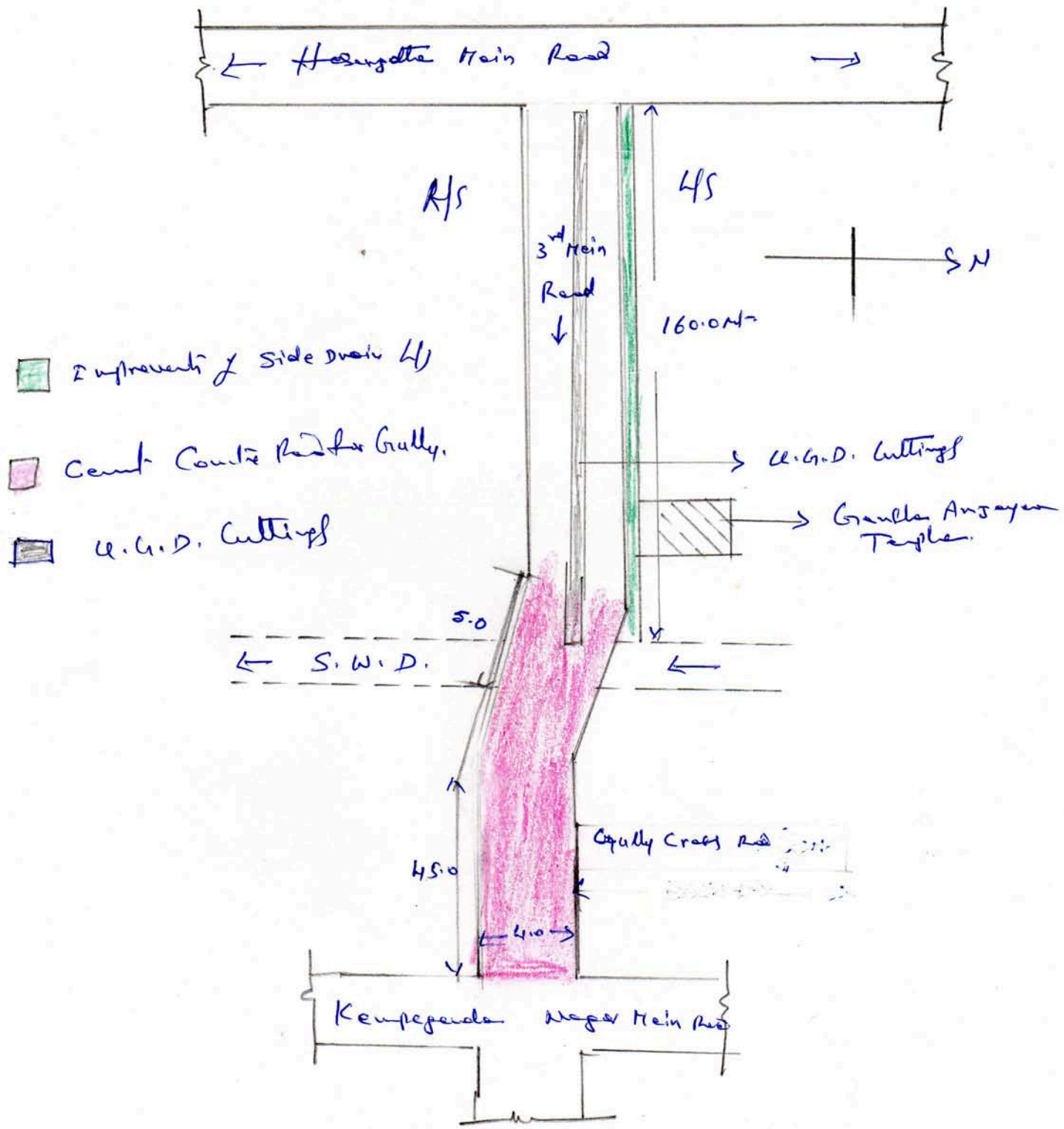
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

JNC-015-15-000006

ನಂ. CE/DZ/AS/59/14-15 Pg-11 ದಿನಾಂಕ : 29/10/2014
ರೂ. 19,50,000/- (ರೂ. ಹತ್ತೊಂಬತ್ತು ಲಕ್ಷ ಐವತ್ತು ಸಾವಿರ) ..... ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
27/10/14
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Name of Work :- Improvement and Construction of Concretal Road and Drain at Bhuvaneshwinagar Gonellara Temple 3rd Main Road in Dasarahalli ward no. 15



ಸಹಾಯಕ ಕಂದಾಯ ಅಧಿಕಾರಿಯವರು
ಆ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಾರಗೊಂಡನಹಳ್ಳಿ, ಬೆಂಗಳೂರು - 560 073